



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>PHOE-0136</b>	Application No. <b>10/645,723</b>
	Applicant <b>Charles Mark Ensor, et al.</b>	
	Filing Date <b>August 21, 2003</b>	Group <b>Not Yet Assigned- 1652</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	1	Abstract J04121187: Japanese Application No. 1992-188063, Derwent Publications Ltd., London, GB, April 22, 1992 <i>Same as reference 37</i>
	2	Harasawa, R. et al., "Nucleotide Sequence of the Arginine Deiminase Gene of <i>Mycoplasma hominis</i> ," <i>Microbiol. Immunol.</i> , 1992, 36(6), 661-665
	3	Takaku, H. et al., "Anti-tumor Activity of Arginine Deiminase from <i>Mycoplasma arginini</i> and Its Growth-inhibitory Mechanism," <i>Jpn. J. Cancer Res.</i> , September 1995, 86(9), 840-846
	4	International Search Report dated January 11, 2002, issued in corresponding International Application No. PCT/US01/14116
	5	Fraser, C. et al., "Borrelia burgdorferi (section 69 of 70) of the complete genome", 12/16/1997, Database Accession no. AE001183, <del>XP-002211866</del>
	6	Knodler, Leigh A. et al., "Cloning and Expression of a Prokaryotic Enzyme, Arginine Deiminase, from a Primitive Eukaryote <i>Giardia intestinalis</i> ", <i>Journal of Biological Chemistry</i> , 02/20/1998, 273(8), 4470-4477, <del>XP-002211868</del>
	7	Seffernick, J.L. et al., "Melamine Deaminase and Atrazine Chlorohydrolase: 98 Percent Identical but Functionally Different", <i>J. Bacteriol.</i> , 2001, 183(8), 2405-2410
	8	Broun, P. et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids", <i>Science</i> , 1998, 282, 1315-1317
	9	Van de Loo, F.J. et al., "An Oleate 12-hydroxylase from <i>Ricinus Communis L.</i> is a Fatty Acyl Desaturase Homolog" <i>Proc. Natl. Acad. Sci.</i> , 1995, 92, 6743-6747
	10	Sugimura, et al., "High Sensitivity of Human Melanoma Cell Lines to the Growth Inhibitory Activity of Mycoplasmal Arginine Deiminase <i>In Vitro</i> , <i>Melanoma Res.</i> , 1992, 2, 191-196
EXAMINER		DATE CONSIDERED <i>3/15/06</i>



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHOE-0136</b>	Application No. <b>10/645,723</b>
		Applicant <b>Charles Mark Ensor, et al.</b>	
		Filing Date <b>August 21, 2003</b>	Group <b>Not Yet Assigned 1652</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
m	11	Takaku, et al., "In Vivo Anti-tumor Activity of Arginine Deiminase Purified from Mycoplasma Arginini", <i>Int. J. Cancer</i> , 1992, 51, 244-249	
	12	Miyazaki, et al., "Potent Growth Inhibition of Human Tumor Cells in Culture by Arginine Deiminase Purified from a Culture Medium of a Mycoplasma- infected Cell Line", <i>Cancer Res.</i> , 1990, 50, 4522-4527	
	13	J.B. Jones, "The Effect of Arginine Deiminase on Murine Leukemic Lymphobalsts", <i>Ph.D. dissertation, The University of Oklahoma</i> , 1981, 1-169	
	14	van Wagtehdonk, et al., "Nitrogen Metabolism in Protozoa", <i>Comparative Biochemistry of Nitrogen Metabolism (J.W. Campbell ed.)</i> , 1970, 1-56	
	15	Chang, et al., "Arginase Modulates Nitric Oxide Production in Activated Macrophages", <i>Am. J. Physiol: Heart and Circul. Physiol.</i> , 1998, 274, H342-H348	
	16	McDonald, et al., "A Caveolar Complex Between the Cationic Amino Acid Transporter 1 and Endothrlial Nitric-oxide Synthase may Explain the "Arginine Paradox", <i>J. Biol. Chem.</i> , 1997, 272, 31213-31216	
	17	Misawa, et al., "High Level Expression of Mycoplasma <del>Arginine</del> <sup>arginine</sup> Deiminase in Escherichia Coli and its Efficient Renaturation as an Anti-Tumor Enzyme", <i>J. of Biotechnol.</i> , 1994, 36, 145-155	
	18	Takaku, et al., "Chemical Modification by Polyethylene Glycol of the Anti-Tumor Enzyme Arginine Deiminase from Mycoplasma <del>Argini</del> <sup>ARGININI</sup> ", <i>Int. J. Cancer Res.</i> , 1993, 84, 1195-1200	
	19	Abuchowski, et al., "Cancer Therapy with Chemically Modified Enzymes. I. Antitumor Properties of Polyethylene Glycol-Asparaginase Conjugates", <i>Cancer Biochem. Biophys.</i> , 1984, 7, 175-186	
m	20	Abuchowski, et al., "Effect of Covalent Attachment of Polyethylene Glycol on Immunogenicity and Circulating Life of Bovine Liver Catalase", <i>J. Biol. Chem.</i> , 1977, 252, 3582-3586	
<b>EXAMINER</b> <i>[Signature]</i>		<b>DATE CONSIDERED</b> 3/15/06	



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHOE-0136</b>	Application No. <b>10/645,723</b>
		Applicant <b>Charles Mark Ensor, et al.</b>	
		Filing Date <b>August 21, 2003</b>	Group <b>Not Yet Assigned 1652</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>DN</i>	21	Parker, et al., "The Effect of Tumor Size on Concomitant Tumor Immunity", <i>Cancer Res.</i> , 1973, 33(1), 33-39	
	22	Zaplipsky and Lee, "Use of Functionalized Poly(Ethylene Glycol)s for Modification of Polypeptides", <i>Poly(Ethylene Glycol) Chemistry: Biotechnical and Biomedical Applications</i> (J.M. Harris, ed., Plenum Press, NY), 1992, Chapter 21, 247-370	
	23	Fenske, J.D., et al. "Role of Arginine Deiminase in Growth of <i>Mycoplasma hominus</i> ", <i>J. Bacteriol.</i> , 1976, 126, 501-510	
	24	Lang, K. et al., "Catalysis of Protein Folding by Prolyl Isomerase", <i>Nature</i> , 1987, 329, 268-270	
	25	Craig, S. et al., "Single Amino Acid Mutations Block a Late Step in the Folding of B-Lactamase from <i>Staphylococcus aureus</i> ", <i>J. Mol. Biol.</i> , 1985, 185, 681-687	
<i>DN</i>	26	Joppich, et al., "Peptides Flanked by Two Polymer Chains, 1-Synthesis of Glycyl-L-tryptophylglycine Substituted by Poly(ethylene oxide) at both the Carboxy and the Amino End Groups", <i>Macromol. Chem.</i> , 1979, 180, 1381-1385	
<b>EXAMINER</b> <i>JS</i>		<b>DATE CONSIDERED</b> 3/15/06	

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**PHOE-0136**Application No.  
**10/645,723**Applicant  
**Charles Mark Ensor, et al.**Filing Date  
**August 21, 2003**Group  
~~Not Yet Assigned~~ **1652****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
DR	27	4,800,159	01/24/89	Mullis, et a.	435	172.3
	28	5,372,942	12/13/94	McGarrity, et al.	435	227
	29	5,474,928	12/12/95	Takaku, et al.	435	228
	30	5,804,183	09/09/98	Filpula, et al.	424	94.6
	31	5,916,793	06/29/99	Filpula, et al.	424	94.6
DR	32	6,132,713	10/17/00	Fiipula, et al.	424	94.3

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
DR	33	EP 0 414 007 A2	02/27/91	EP O		
	34	EP 0 897 011 A2	02/17/99	EP O		
	35	WO 98/33519	08/06/98	WIPO		
	36	WO 98/51784	11/19/98	WIPO		
DR	37	JP 3 209 338 B2	09/17/01	Japan	X (Abstract)	

**EXAMINER****DATE CONSIDERED****3/15/06**